

PHENIX WEEKLY PLANNING



2/4/2010
Don Lynch

Ongoing Tasks for Run 10

Task

Start Date

End Date

Install rack components in RPC3 N racks

in progress

2/28/2010

Attach cables to RPC3 N racks and to Detector $\frac{1}{2}$ octants

in progress

2/28/2010

Install blower for RPC3N thermal control

in progress

2/28/2010

Send mass flowmeters out for recalibration (DC/PC, MuID, TOF.W)

In Progress

?

AH Crane 110 switch for lockout

In Progress

6/30/09

PHENIX Startup Checklist Status

Item

Responsibility

Status

Item 1: ESRC relevant items completed

Wood Stairs

Phillips

Post Start

Update Work procedures

Cirnigliaro, Lynch

Post Start

Item 4: HBD Mock Up

Lynch

After Run 10

Item 11: Fire Pull Box

Philips

Post Start

Item 12: Dumb Waiter

Lynch

Waiting For
LSC Response

This Week

Aerogel Mainframe failed - replaced successfully during controlled access

Continuing Support for Run 10 Operations

Continuing Preparation for 2010 Shutdown

Continuing support for future upgrades

RPC Factory annual Review Tomorrow, 2:00 PM bldg 911

TECHNICAL
SUPPORT
2010

Next Week:

Maintenance access Wednesday

- Continue RPC3N electronics installation
- RPC gap 5 N blower installation?
- Replace DC west light
- Evaluate RPC3S new above MUID support design
- Other subsystem maintenance/repair

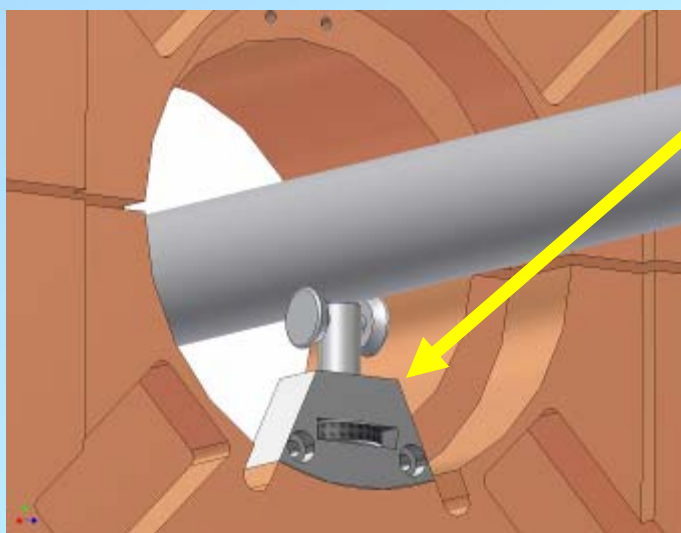
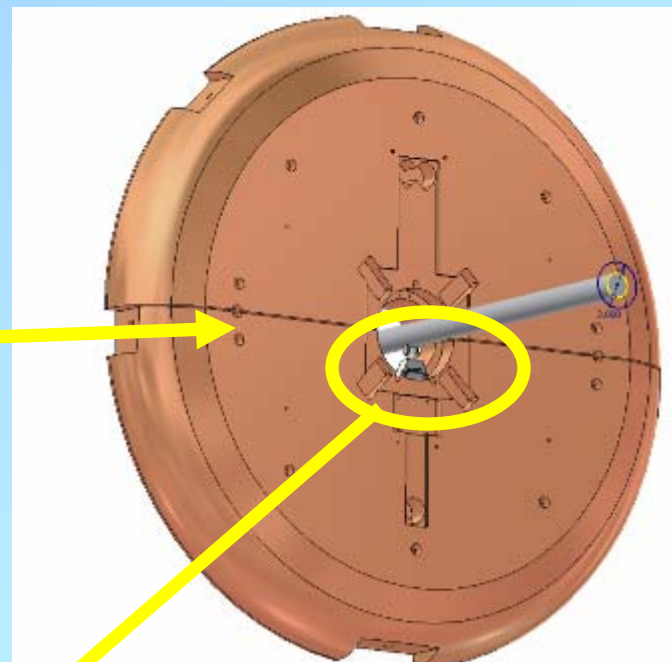
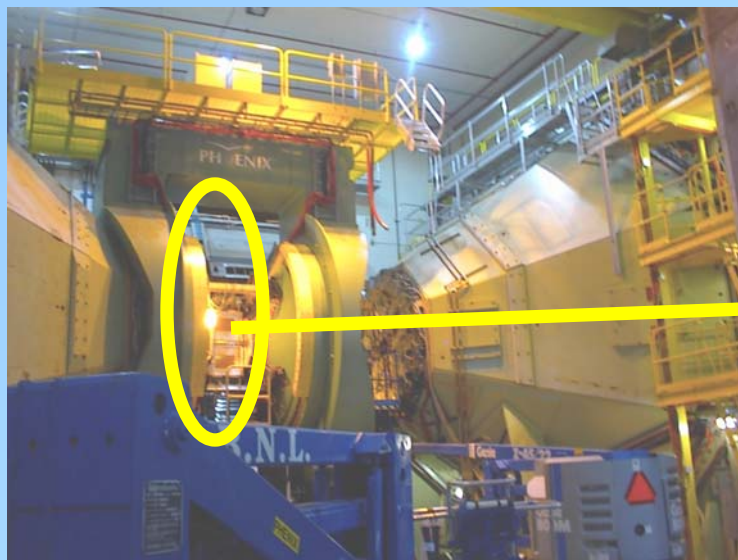


Run 10 tech support as necessary

2010 summer shutdown prep continues

Future upgrade support as necessary

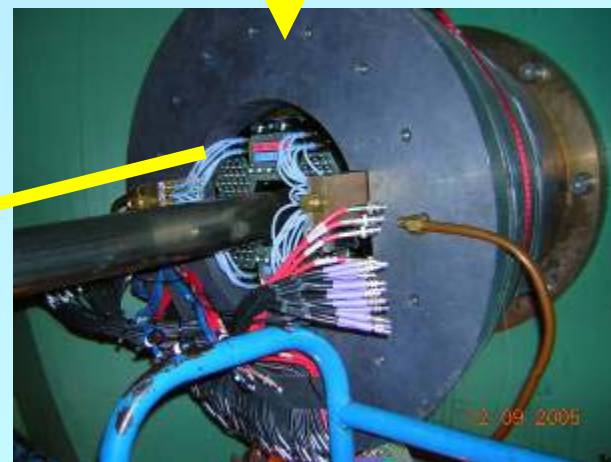
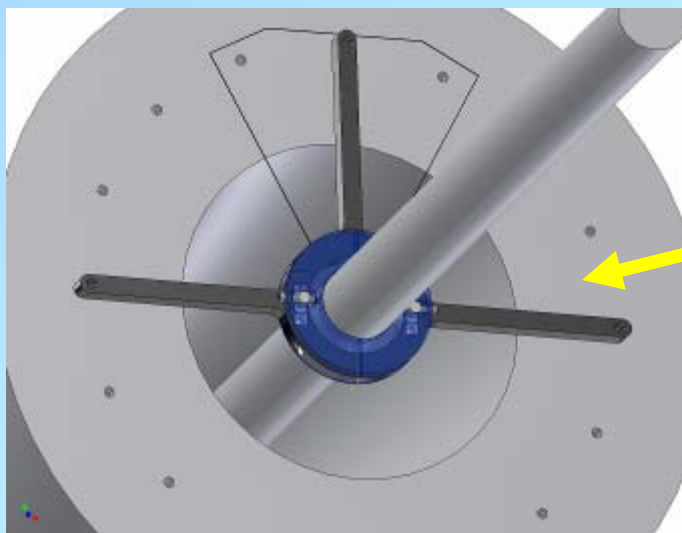
CM central BP supports (2 req'd)

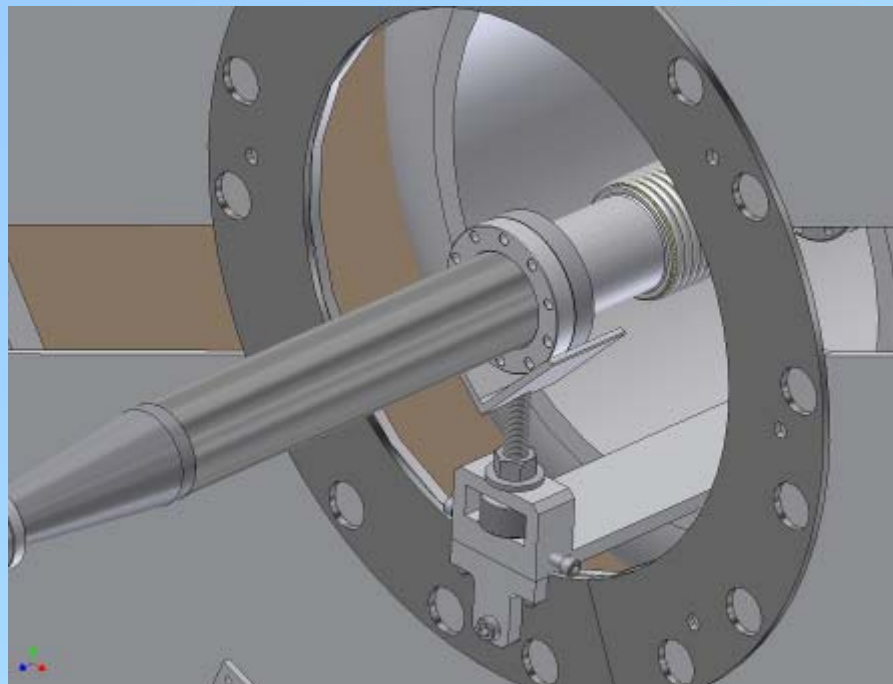


TECHNICAL SUPPORT NO-0

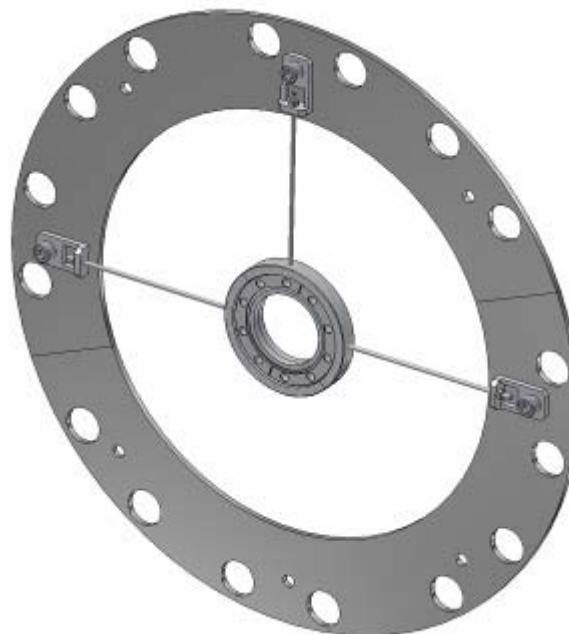
South Flowerpot BP support

TECHNICAL SUPPORT NO-0





North MPC Cavity BP support

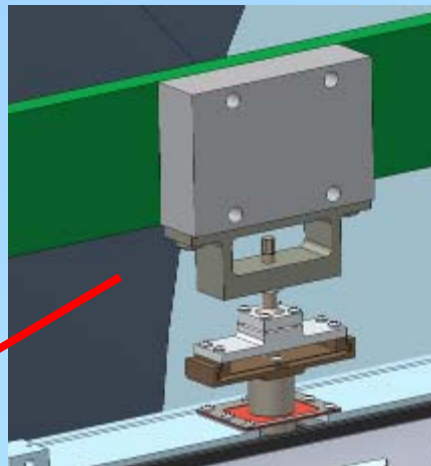
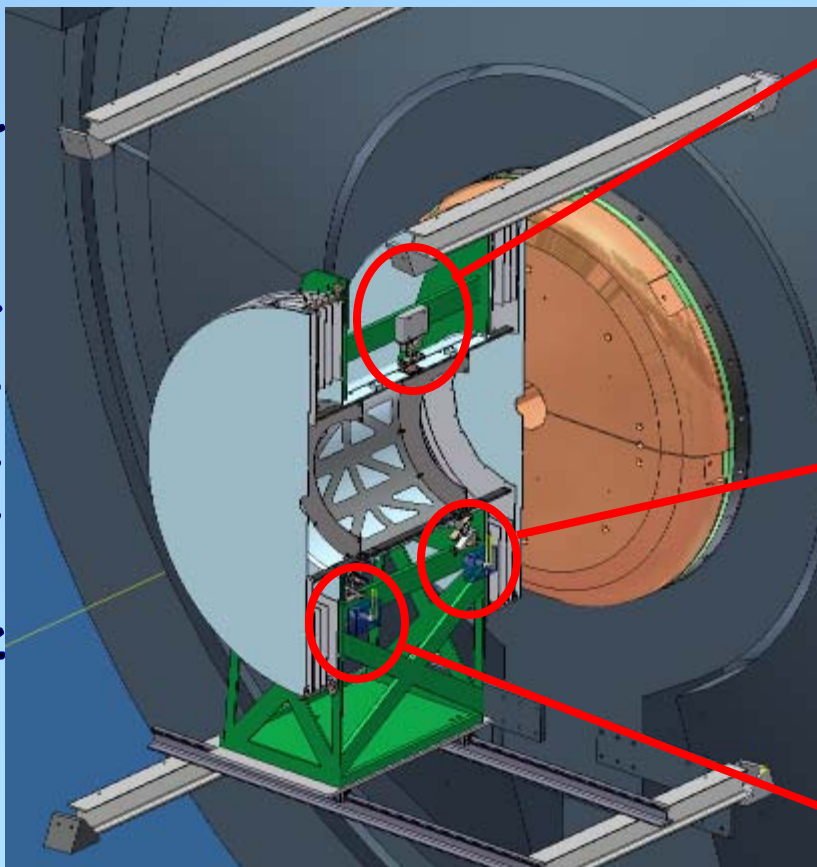


TECHNICAL SUPPORT NO-0

VTX Installation Plan

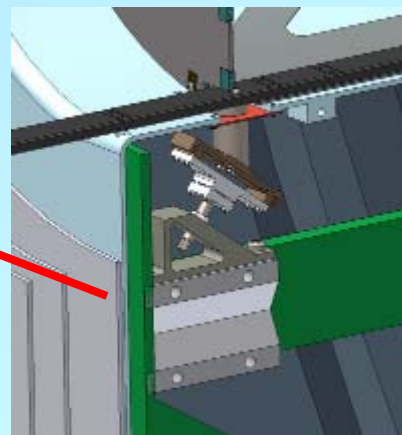
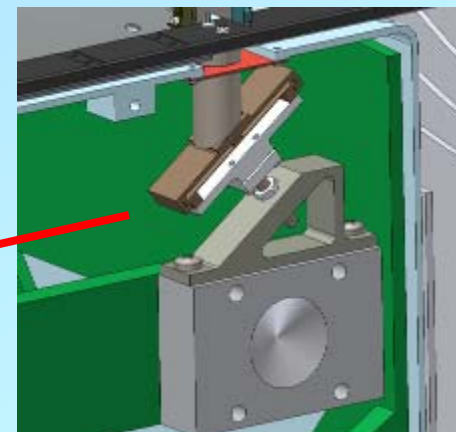
Kinematic mounts for mating east and west detector halves

TECHNICAL SUPPORT 2010



2 DOF (Y & Z)

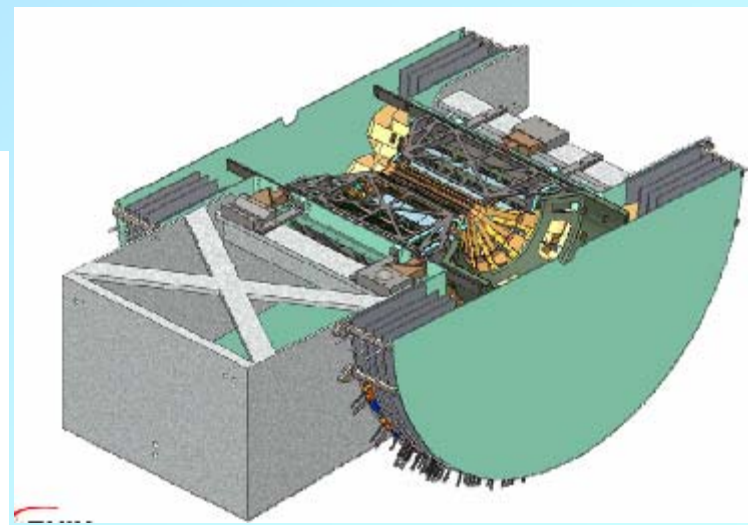
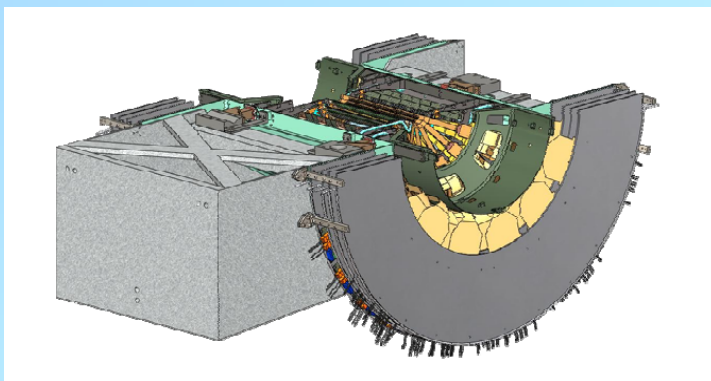
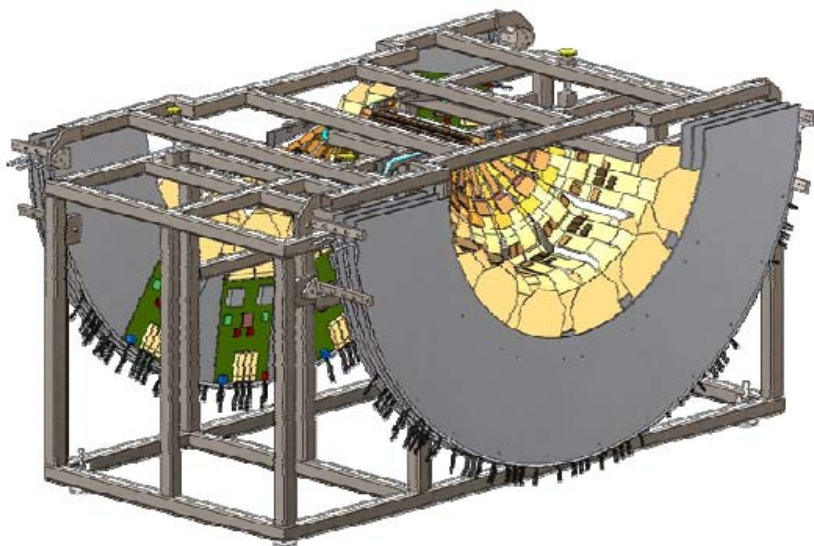
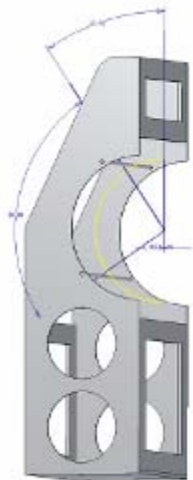
0 DOF



6 interface points
w/ HYTEC

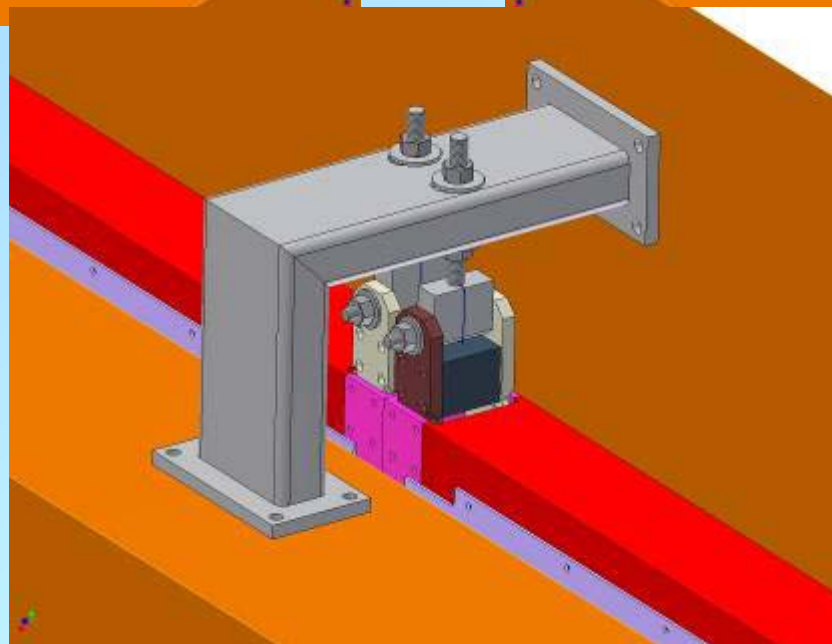
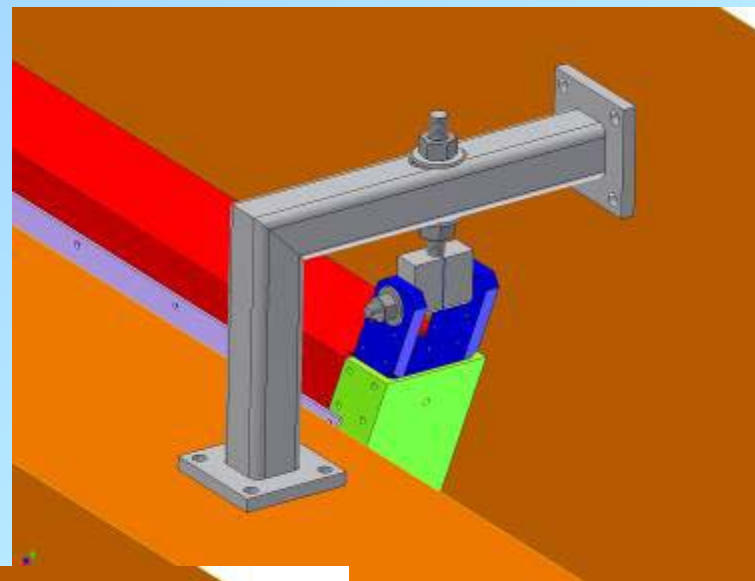
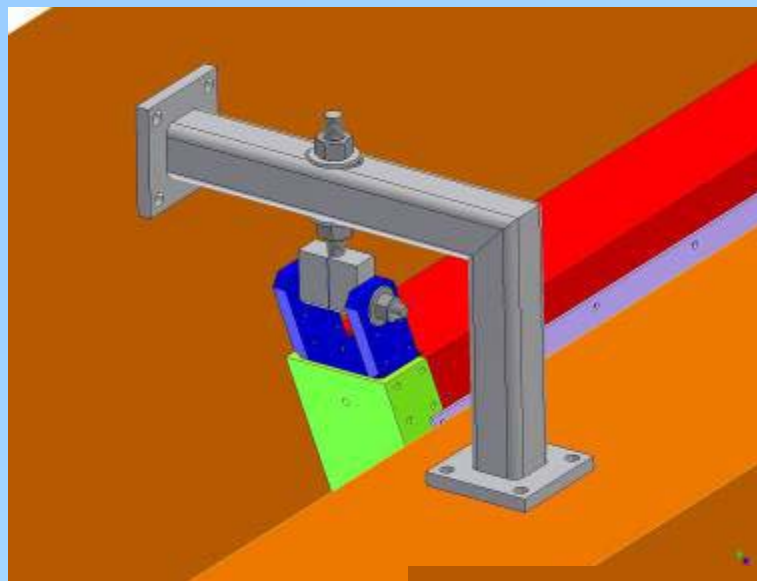
1 DOF (Z)

VTX Support Structure Base Assembly Design In Progress



RPC3 South Installation Plan

TECHNICAL SUPPORT 20-0



2/4/2010

RPC3 North

Installing HO7E and HO5E



2/4/2010

2009 Building Maintenance Issues

TECHNICAL SUPPORT 2010

- Roof leaks in utility bathroom at northwest corner behind tech offices, over door between rack room and assembly hall and over door between control room and elect. ass'y room.
- General maintenance for Trailer Offices (in progress)
- Trailer Office Modifications planning in progress



2010 Tasks

Start Date End Date

Run 10	In progress	6/1
VTX Fabrication and Installation Plan (1st Draft)	Done	Done
RPC3 South Fabrication and Installation Plan (1 st Draft)	Done	Done
Receive New Beampipe	On Order	2/28
Design Beam pipe supports	In progress	1/29
Update RPC3 N design for RPC3 S	In progress	2/26
RPC Factory Annual Safety Review	Prep in Progress	1/31
Design support structure, alignment scheme for VTX	In progress	2/12
Fabricate beam pipe supports	2/1	5/1
Beampipe NEG coating (CERN)	2/1	5/1
Fabricate/procure parts for RPC3 S installation	2/1	5/1
Fabricate/procure parts for VTX installation	2/1	6/1
End of run 10	6/1	6/1
Prep IR for shutdown	6/1	7/1
Complete unfinished business for MuTrgr FEE & RPC3 North	6/1	8/1
Install Beam pipe	7/1	10/1
Install VTX	8/1	10/1
Install RPC3 South	6/1	10/1
2010 Shutdown Other Tasks	6/1	11/1

2/4/2010

PHENIX Procedure Review Current Status:

147 Procedures Identified

80 Made Inactive (not currently in use, will require revision to re- activate if and when necessary, available for reference purposes)

12 CAD procedures relevant to PHENIX, all are current and up-to- date.
All currently under review,
3 to be de-activated

40 PHENIX approved procedures.

1 is currently under review
37 are current and up-to-date

(3 RPC procedures updated, 2 more in progress)

15 Proposed/Draft Procedures (never previously formalized)

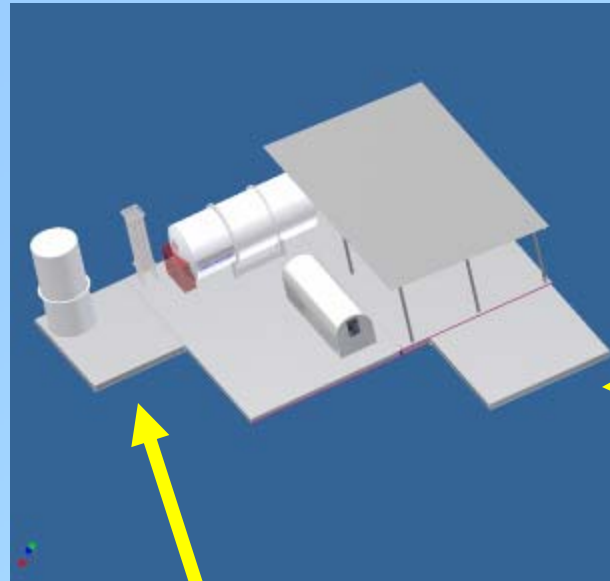
New Spreadsheet Tracking Application to keep track of Procedure revisions and updates - Done and Working

Web retrieval of latest procedures now available from PHENIX Internal:

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_procedures.htm

New Argon Dewar and Empty Gas Bottle Storage Area

PHENIX



Pad for Empty Gas Bottles



Pad for argon Dewar



TECHNICAL SUPPORT 2010

1. CAD ES&H Group Safety Feedback Meeting-

- CAD is holding meetings with various groups within CAD to get candid feedback of safety concerns and the implementation of safety policy
- Next week (Wed) Physics Support Group is Targeted
- PHENIX has been invited.
- Report to follow

2. RPC Factory Annual Safety Review - tomorrow 2:00 PM bldg 911

3. Major snow storm expected Friday night into Saturday 6+ inches?

- Be Safe
- Snow removal requests to be routed through CAS

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm



Ground Hog Day was this past Tuesday

The Ground hog saw his shadow:

6 more weeks of winter

The Groundhog Weather Prognosticator

Links for the weekly planning meeting slides, archives of past meeting slides, long term planning, pictures, videos and other technical info can be found on the PHENIX Engineering web site:

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm

